

# Electrical services for the wind industry

Saber Power is a proven leader in the wind renewables industry, with deep expertise in utility interconnect, high voltage substation, power line, commissioning, acceptance testing, and balance of plant (BOP) projects. We combine the forces of our EPC operations, engineering, and field services to deliver comprehensive solutions to the wind industry. We provide turnkey medium and high voltage substation projects with engineering, installation, and maintenance services.

# Full Substation EPC Full T-line EPC Interconnect Studies

# **Substation Engineering**

- · Civil Design
- Structural Design
- Above Grade Physical
- Protection & Control
- · Building Design
- System Studies (Different from Interconnect Studies)
- Below Grade Electrical
- HMI/SCADA
- Relay Setting Development
- Static Protection
- 3D Modeling

### **Substation Procurement**

- Major Apparatus
- Bulks & Consumables

#### **Substation Construction**

- Farth Work
- Foundations & Steel Erection
- Bus & Conductor
- Control Wiring
- Control Building
- Conduit & Trench
- Above & Below Grade Grounding
- HMI/SCADA
- Power Cabling
- Bus Duct & Cable Bus
- Switchgear
- Outdoor Circuit Breakers
- Instrument Transformers
- Protection & Control Relaying

## **Substation Testing & Commissioning**

- Ground Grid
- Major Apparatus
- Instrument Transformers
- Protection & Control Relaying
- HMI/SCADA
- Power Cabling
- · Control Wiring

# **T-Line Engineering**

- Surveying & LIDAR
- Plan & Profile Drawings
- 3D Modeling
- · Staking Sheets
- Structures
- Foundations
- Assembly Details
- OPGW & ADSS Fiber
- EMT Simulations

#### **T-Line Procurement**

- Transmission Structures
- Conductor
- Hardware & Insulators
- Fiber Equipment
- Fiber Optics
- Anchor Bolts/Cages

#### **T-Line Construction**

- Foundations
- Anchor Bolts/Cages
- Transmission Structures
- Conductor
- Hardware & Insulators
- Fiber Equipment
- Fiber Optics

# **BOP Engineering**

- Collector System
- Site Development
- Civil & Grading
- Grounding
- Cable & Raceway Schedule
- EMS Integration
- Protection & Control Relaying

# **BOP Testing & Commissioning**

- Collector System
- Grounding
- Protection & Control Relaying

Saber Power Services LLC is an engineering-led and construction-focused professional services company specializing in complex medium and high voltage electrical infrastructure. We offer full-spectrum turnkey EPC, specialty engineering, procurement, construction, testing and commissioning, repair and maintenance and 24/7 emergency response. We serve the Gulf Coast region, North America and abroad.

Contact us for your wind renewable needs.

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